

1           BENCH ASSEMBLY AND BI-DIRECTIONAL OPTICAL TRANSCEIVER  
2                           CONSTRUCTED THEREWITH

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4                           ABSTRACT

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6           Disclosed is a method that includes providing an optical  
7 fiber, providing a bench that supports a chip-level optical  
8 transceiver, placing the bench in front of the optical fiber,  
9 activating the chip-level optical transceiver, and tilting the  
10 bench until the chip-level optical transceiver is aligned with  
11 the optical fiber and an optical signal is achieved.